

**Nonconformance report**NCR-No.  
**200351871**

Material No. VOLS:10257700	Ver AD	Material Description Fire Containment, Assy		
Program PW1900G Embraer Firewall		Design Organization Drawing & issue D:5379543-AA	Total quantity 1	Order No
Coordinator Ann Charlott Linusson	Supplier code	Design Organization Part number & version D:5379543-AA	Reference No. 2023-175	

**Decisions**

<i>Item</i>	<i>Serial number / batch</i>	<i>Item decision</i>
1	44DAC02089	
2	44DAC02089	
4	44DAC02089	
5	44DAC02089	
6	44DAC02089	
7	44DAC02089	
8	44DAC02089	
9	44DAC02089	
10	44DAC02089	
11	44DAC02089	
12	44DAC02089	
13	44DAC02089	
14	44DAC02089	
15	44DAC02089	

Quality Digitally signed by: Date:	GKN Design Digitally signed by: Date:
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**Nonconformance report**

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Program PW1900G Embraer Firewall	Design Organization Drawing & issue D:5379543-AA	Total Quantity 1	Order No
Coordinator Ann Charlott Linusson	Design Organization Part number & version D:5379543-AA	Reference No. 2023-175	

**Item No. 1**

Defect Class	Pieces affected 1	Defect type Position	Charact.No 04062
Requirement Location PAGE-04      Zone D3			
Serial numbers affected			
44DAC02089,			
Description of Nonconformance			
17 pos True Position  0.3  A B C  is 0.33 or 0.08 Out of Tolerance. Please see attached 44DAC02089SupportPack for further details			
Cause of Nonconformance			
For detail Root cause Analysis please refer to 8D investigation #RCA200328488.			
Corrective Action (to avoid re-occurrence of this Nonconformance)		Planned finish: 2022-03-11	
For detail corrective action / preventative action please refer to 8D investigation #RCA200328488.			

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Material No. VOLS:10257700	Ver AD	Material Description Fire Containment, Assy	
Program PW1900G Embraer Firewall	Design Organization Drawing & issue D:5379543-AA	Total Quantity 1	Order No
Coordinator Ann Charlott Linusson	Design Organization Part number & version D:5379543-AA	Reference No. 2023-175	

**Item No. 2**

Defect Class	Pieces affected 1	Defect type Position	Charact.No 04192
Requirement Location PAGE-04      Zone K3			
Serial numbers affected			
44DAC02089,			
Description of Nonconformance			
True Position  0.3 A B C  is 0.329 or 0.029 out of tolerance Please see attached 44DAC02089SupportPack for further details.			
Cause of Nonconformance			
For detail Root cause Analysis please refer to 8D investigation #RCA200328488.			
Corrective Action (to avoid re-occurrence of this Nonconformance)		Planned finish: 2022-03-11	
For detail corrective action / preventative action please refer to 8D investigation #RCA200328488.			

**Nonconformance report**

NCR-No.

**200351871**

Material No. VOLS:10257700	Ver AD	Material Description Fire Containment, Assy	
Program PW1900G Embraer Firewall	Design Organization Drawing & issue D:5379453-AA		Total Quantity 1
Coordinator Ann Charlott Linusson	Design Organization Part number & version D:5379453-AA		Order No
		Reference No. 2023-175	

**Item No. 4**

Defect Class	Pieces affected 1	Defect type Profile of a surface	Charact.No 08012
Requirement Location PAGE-08      Zone G3			

Serial numbers affected
44DAC02089,

Description of Nonconformance
Surface profile up to 0.4 [0.010"] ABC is 0.48 mm (MAX -0.07 to MIN -0.34) or 0.43 out of tolerance. Please see attached 44DAC02089 support pack for details.

Cause of Nonconformance
For detail Root cause Analysis please refer to 8D investigation #RCA200328488.

Corrective Action (to avoid re-occurrence of this Nonconformance)	Planned finish: 2022-03-11
For detail corrective action / preventative action please refer to 8D investigation #RCA200328488.	

## Nonconformance report

NCR-No.

**200351871**

Material No. VOLS:10257500	Ver AD	Material Description Fire Containment, Assy		
Program PW1900G Embraer Firewall	Design Organization Drawing & issue D:5379947-AA	Total Quantity 1	Order No	
Coordinator Ann Charlott Linusson	Design Organization Part number & version D:5379947-AA	Reference No. 2023-175		

### Item No. 5

Defect Class	Pieces affected 1	Defect type Profile of a surface	Charact.No 10053
Requirement Location PAGE-10	Zone K11		

Serial numbers affected
44DAC02089,

Description of Nonconformance
Profile of a surface 0.4  A B C  is 0.449 (Min - 0.225 to Max 0.131) or 0.089 out of tolerance Please see attached 44DAC02089 support pack for details.

Cause of Nonconformance
For detail Root cause Analysis please refer to 8D investigation #RCA200328488.

Corrective Action (to avoid re-occurrence of this Nonconformance)	Planned finish: 2022-03-11
For detail corrective action / preventative action please refer to 8D investigation #RCA200328488.	

## Nonconformance report

NCR-No.

**200351871**

Material No. VOLS:10257500	Ver AD	Material Description Fire Containment, Assy
Program PW1900G Embraer Firewall	Design Organization Drawing & issue D:5379947-AA	Total Quantity 1
Coordinator Ann Charlott Linusson	Design Organization Part number & version D:5379947-AA	Order No Reference No. 2023-175

### Item No. 6

Defect Class	Pieces affected 1	Defect type Profile of a surface	Charact.No 10084
Requirement Location PAGE-10                      Zone K11			
Serial numbers affected 44DAC02089,			
Description of Nonconformance Profile of a surface 0.4  A B C  is 0.498 (Min - 0.106 to Max 0.249) or 0.138 out of tolerance Please see attached 44DAC02089 support pack for details.			
Cause of Nonconformance For detail Root cause Analysis please refer to 8D investigation #RCA200328488.			
Corrective Action (to avoid re-occurrence of this Nonconformance)		Planned finish: 2022-03-11	
For detail corrective action / preventative action please refer to 8D investigation #RCA200328488.			

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**Item No. 7**

Defect Class	Pieces affected 1	Defect type Diameter	Charact.No 10061
Requirement Location PAGE-10      Zone J15			
Serial numbers affected			
44DAC02089,			
Description of Nonconformance			
Diameter 989 +/- 0.25mm is 985.26 or 0.01 out of tolerance Please see attached 44DAC02089 support pack for details			
Cause of Nonconformance			
For detail Root cause Analysis please refer to 8D investigation #RCA200328488.			
Corrective Action (to avoid re-occurrence of this Nonconformance)		Planned finish: 2022-03-11	
For detail corrective action / preventative action please refer to 8D investigation #RCA200328488.			

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**200351871**

Material No. VOLS:10257500	Ver AD	Material Description Fire Containment, Assy	
Program PW1900G Embraer Firewall	Design Organization Drawing & issue D:5379543-AA	Total Quantity 1	Order No
Coordinator Ann Charlott Linusson	Design Organization Part number & version D:5379543-AA	Reference No. 2023-175	

**Item No. 8**

Defect Class	Pieces affected 1	Defect type Position	Charact.No 15430
Requirement Location PAGE-10      Zone C11			
Serial numbers affected			
44DAC02089,			
Description of Nonconformance			
12 pos True Position  0.6  A B C  is 0.619 or 0.369 out of tolerance Please see attached 44DAC02089 supportpack for details.			
Cause of Nonconformance			
For detail Root cause Analysis please refer to 8D investigation #RCA200328488.			
Corrective Action (to avoid re-occurrence of this Nonconformance)		Planned finish: 2022-03-11	
For detail corrective action / preventative action please refer to 8D investigation #RCA200328488.			



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Material No. VOLS:10257700	Ver AD	Material Description Fire Containment, Assy	
Program PW1900G Embraer Firewall	Design Organization Drawing & issue D:5379543-AA		Total Quantity 1
Coordinator Ann Charlott Linusson	Design Organization Part number & version D:5379543-AA		Order No Reference No. 2023-175

**Item No. 9**

Defect Class	Pieces affected 1	Defect type Profile of a surface	Charact.No 10085
Requirement Location PAGE-10 Zone B3			

**Serial numbers affected**

44DAC02089,

**Description of Nonconformance**

8 Pos Profile of a surface |0.50|A|B|C| is  
 0.070 (+0.04 to -0.03) or 0.00 out of tolerance.  
 0.060 (+0.03 to -0.02) or 0.00 out of tolerance.  
 0.160 (+0.08 to -0.07) or 0.06 out of tolerance.  
 0.220 (+0.11 to -0.09) or 0.12 out of tolerance.  
 0.190 (+0.10 to -0.06) or 0.09 out of tolerance.  
 0.210 (+0.10 to -0.06) or 0.11 out of tolerance. 0.140 (+0.07 to -0.04)  
 or 0.04 out of tolerance.  
 0.160 (+0.08 to -0.04) or 0.06 out of tolerance.  
 Please see attached 44DAC02089 support pack for details.

**Cause of Nonconformance**

For detail Root cause Analysis please refer to 8D investigation  
 #RCA200328488.

**Corrective Action (to avoid re-occurrence of this Nonconformance)** Planned finish: 2022-03-11

For detail corrective action / preventative action please refer to 8D  
 investigation #RCA200328488.

**Nonconformance report**

NCR-No.

**200351871**

Material No. VOLS:10257700	Ver AD	Material Description Fire Containment, Assy	
Program PW1900G Embraer Firewall	Design Organization Drawing & issue D:5379543-AA	Total Quantity 1	Order No
Coordinator Ann Charlott Linusson	Design Organization Part number & version D:5379543-AA	Reference No. 2023-175	

**Item No. 10**

Defect Class	Pieces affected 1	Defect type Position	Charact.No 10079
Requirement Location PAGE-10                      Zone B3			
Serial numbers affected			
44DAC02089,			
Description of Nonconformance			
23 Pos True Position  0.4  A B C  is 0.549or 0.299 out of tolerance Please see attached 44DAC02089 support pack for details.			
Cause of Nonconformance			
For detail Root cause Analysis please refer to 8D investigation #RCA200328488.			
Corrective Action (to avoid re-occurrence of this Nonconformance)		Planned finish: 2022-03-11	
For detail corrective action / preventative action please refer to 8D investigation #RCA200328488.			

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**200351871**

Material No. VOLS:10257500	Ver AD	Material Description Fire Containment, Assy	
Program PW1900G Embraer Firewall	Design Organization Drawing & issue D:5379947-AA		Total Quantity 1
Coordinator Ann Charlott Linusson	Design Organization Part number & version D:5379947-AA		Order No
		Reference No. 2023-175	

**Item No. 11**

Defect Class	Pieces affected 1	Defect type Profile of a surface	Charact.No 10082
Requirement Location PAGE-10      Zone K11			

Serial numbers affected
44DAC02089,

Description of Nonconformance
Profile of a surface   0.17  A  is 0.164 (Max 0.082 to Min -0.082) or 0.034out of tolerance Please see attached 44DAC02089 support pack for details.

Cause of Nonconformance
For detail Root cause Analysis please refer to 8D investigation #RCA200328488.

Corrective Action (to avoid re-occurrence of this Nonconformance)	Planned finish: 2022-03-11
For detail corrective action / preventative action please refer to 8D investigation #RCA200328488.	

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**200351871**

Material No. VOLS:10257700	Ver AD	Material Description Fire Containment, Assy	
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Coordinator Ann Charlott Linusson	Design Organization Part number & version D:5379543-AA		Order No Reference No. 2023-175

**Item No. 12**

Defect Class	Pieces affected 1	Defect type Profile of a surface	Charact.No 15235
Requirement Location PAGE-10      Zone K9			

Serial numbers affected
44DAC02089,

Description of Nonconformance
<p>4 Pos Profile of a surface  0.10 A B C  is  0.180 (+0.09 to -0.07) or 0.08 out of tolerance.  0.150 (+0.08 to -0.06) or 0.05 out of tolerance.  0.270 (+0.13 to -0.13) or 0.17 out of tolerance.  0.260 (+0.13 to -0.13) or 0.16 out of tolerance.  Please see attached 44DAC02089 support pack for details.</p>

Cause of Nonconformance
For detail Root cause Analysis please refer to 8D investigation #RCA200328488.

Corrective Action (to avoid re-occurrence of this Nonconformance)	Planned finish: 2022-03-11
For detail corrective action / preventative action please refer to 8D investigation #RCA200328488.	

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**200351871**

Material No. VOLS:10257700	Ver AD	Material Description Fire Containment, Assy	
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**Item No. 13**

Defect Class	Pieces affected 1	Defect type Profile of a surface	Charact.No 10024
Requirement Location PAGE-11          Zone K9			

Serial numbers affected
44DAC02089,

Description of Nonconformance
Profile of a surface  0.90 A B C  is 1.089 (Max 0.143 to Min -0.545) or 0.589 out of tolerance Please see attached 44DAC02089 support pack for details.

Cause of Nonconformance
For detail Root cause Analysis please refer to 8D investigation #RCA200328488.

Corrective Action (to avoid re-occurrence of this Nonconformance)	Planned finish: 2022-03-11
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**Item No. 14**

Defect Class	Pieces affected 1	Defect type Flatness	Charact.No 00123
Requirement Location PAGE-01          Zone L15			

## Serial numbers affected

44DAC02089,

## Description of Nonconformance

All Tolerances apply when measured in restrained condition. With Diam B restrained within 0.09 [0.002] and surface A held to 0.05 [0.002].  
Flatness Measured at 0.53mm or 0.48 out of tolerance  
Please see attached 44DAC020 support pack for further details

## Cause of Nonconformance

For detail Root cause Analysis please refer to 8D investigation  
#RCA200328488.

## Corrective Action (to avoid re-occurrence of this Nonconformance)

Planned finish: 2022-03-11

For detail corrective action / preventative action please refer to 8D investigation #RCA200328488.

**Nonconformance report**

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**Item No. 15**

Defect Class	Pieces affected 1	Defect type Thickness	Charact.No 12349
Requirement Location PAGE-09          Zone B14			

Serial numbers affected
44DAC02089,

Description of Nonconformance
Thickness 1.8 +/- 0.1mm is 1.340 or 0.04 over tolerance. Please see attached 44DAC02089 support pack for details.

Cause of Nonconformance
For detail Root cause Analysis please refer to 8D investigation #RCA200328488.

Corrective Action (to avoid re-occurrence of this Nonconformance)	Planned finish: 2022-03-11
For detail corrective action / preventative action please refer to 8D investigation #RCA200328488.	